

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L5	7	("5416631").URPN.	USPAT	OR	OFF	2005/05/18 16:41
L6	12	("6094294").URPN.	USPAT	OR	OFF	2005/05/18 16:54
L8	11	picture near element\$1 and reflect\$4 and electrode\$1 and substrate	USPAT	OR	OFF	2005/05/18 18:26
L9	11	(picture near element\$1) and reflect\$4 and electrode\$1 and substrate	USPAT	OR	OFF	2005/05/18 18:32
L10	14	(picture near element\$1) and reflect\$4 and substrate	USPAT	OR	OFF	2005/05/18 19:54
L11	21097	(picture near element\$1)	USPAT	OR	OFF	2005/05/18 18:38
L12	3201	L11 and reflect\$4 and substrate	USPAT	OR	OFF	2005/05/18 18:39
L13	2071	L12 and electrode\$1	USPAT	OR	OFF	2005/05/18 19:15
L14	1	("6094294").PN.	USPAT	OR	OFF	2005/05/18 19:20
L15	1	("20040184134").PN.	US-PGPUB	OR	OFF	2005/05/18 19:20
L19	107	359/290,291,292,245,248,223, 224,332.ccls. and (picture near element\$1)	USPAT	OR	OFF	2005/05/18 19:55
L20	65	359/290,291,292,245,248,223, 224,332.ccls. and (picture near element\$1) and substrate	USPAT	OR	OFF	2005/05/18 19:55
L21	64	359/290,291,292,245,248,223, 224,332.ccls. and (picture near element\$1) and substrate and reflect\$4	USPAT	OR	OFF	2005/05/18 19:55
L22	56	359/290,291,292,245,248,223, 224,332.ccls. and (picture near element\$1) and substrate and reflect\$4 and electrode\$1	USPAT	OR	OFF	2005/05/18 19:56
L23	25	359/295,298.ccls. and (picture near element\$1)	USPAT	OR	OFF	2005/05/18 19:56
L24	8	359/237.ccls. and (picture near element\$1)	USPAT	OR	OFF	2005/05/18 19:56
L25	20	353/30,31,97,98,99.ccls. and (picture near element\$1) and substrate and reflect\$4 and electrode\$1	USPAT	OR	OFF	2005/05/18 19:57
L27	57	359/290,291,292,245,248,223, 224,332.ccls. and (picture near element\$1) and substrate and electrode\$1	USPAT	OR	OFF	2005/05/18 19:57
S1	1	("20040184134").PN.	US-PGPUB; USOCR	OR	OFF	2004/11/03 16:26

S2	97	359/290,291,292.ccls. and (transmi\$4 same substrate)	USPAT	OR	OFF	2004/11/03 22:10
S3	89	(359/290,291,292.ccls. and (transmi\$4 same substrate)) and reflect\$4	USPAT	OR	OFF	2004/11/03 18:16
S4	284	(359/290,291,292.ccls. and (transmi\$4 and substrate)) and reflect\$4	USPAT	OR	OFF	2004/11/03 18:16
S5	89	(359/290,291,292.ccls. and (transmi\$4 same substrate)) and reflect\$4	USPAT	OR	OFF	2004/11/03 18:16
S6	195	((359/290,291,292.ccls. and (transmi\$4 and substrate)) and reflect\$4) not ((359/290,291,292.ccls. and (transmi\$4 same substrate)) and reflect\$4)	USPAT	OR	OFF	2004/11/03 21:59
S7	1	"6288829".PN.	USPAT	OR	OFF	2004/11/03 21:51
S8	1	"6288829".PN.	USPAT	OR	OFF	2004/11/03 21:52
S9	5	("5061049"   "5311360"   "5416631"   "5501900"   "5768003").PN.	USPAT	OR	OFF	2004/11/03 21:54
S10	4	"6288829".URPN.	USPAT	OR	OFF	2004/11/03 21:55
S11	0	"6687040".URPN.	USPAT	OR	OFF	2004/11/03 21:58
S12	0	"6687040".URPN.	USPAT	OR	OFF	2004/11/03 21:58
S13	250	Kimura.in. and Koichi	USPAT	OR	OFF	2005/05/18 08:21
S14	2	(Kimura.in. and Koichi) and Loha and ben	USPAT	OR	OFF	2004/11/03 21:59
S15	4	("5739931"   "5748828"   "5796509"   "6040936").PN.	USPAT	OR	OFF	2004/11/03 22:10
S16	504	359/290,291,292.ccls. and substrate and mirror\$3 and reflect\$4	USPAT	OR	OFF	2004/11/03 22:11
S17	8	("5668611"   "5812303"   "5903323"   "6144481"   "6243194"   "6307663"   "6411425"   "6476848").PN.	USPAT	OR	OFF	2004/11/04 11:24
S18	501	359/223,224,332,323,324.ccls. and substrate and mirror\$3 and reflect\$4	USPAT	OR	OFF	2004/11/04 16:20
S19	26	359/223,224,332,323,324.ccls. and substrate and mirror\$3 and reflect\$4 and etching.clm. and film and semiconductor	USPAT	OR	OFF	2004/11/04 16:21
S20	1	("6357663").PN.	USPAT; USOCR	OR	OFF	2004/11/04 18:44
S21	21097	picture near element\$1	USPAT	OR	OFF	2005/05/18 18:26

S23	1120	S21 and groove\$1	USPAT	OR	OFF	2005/05/18 08:21
S24	50	S23 and (reflect\$4 near film\$4)	USPAT	OR	OFF	2005/05/18 14:13

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	15	((("5,266,115") or ("5,285,379") or ("5,331,265") or ("5,341,078") or ("5,371,669") or ("5,384,525") or ("5,388,041") or ("5,442,270") or ("5,969,465") or ("6,044,705") or ("6,046,878") or ("6,185,467") or ("20020176657") or ("6,538,802") or ("20030184844")).PN.	US-PGPUB; USPAT	OR	OFF	2005/05/18 20:18
L3	500	359/290,291,292,295,298.ccls. and capacit\$5	US-PGPUB; USPAT	OR	OFF	2005/05/18 21:03
L4	3	359/290,291,292,295,298.ccls. and capacit\$5	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/18 21:04
L5	385	73/504.2,504.12,504.09,514.17. ccls. and capacit\$5	US-PGPUB; USPAT	OR	OFF	2005/05/18 21:04
L6	14	73/504.2,504.12,504.09,514.17. ccls. and capacit\$5 and mirror\$1 and substrate and electrode\$2	US-PGPUB; USPAT	OR	OFF	2005/05/18 21:05
L7	3	310/36,90.ccls. and capacit\$5 and mirror\$1 and substrate and electrode\$1	US-PGPUB; USPAT	OR	OFF	2005/05/18 21:05
L8	257	359/24,214,222,223.ccls. and capacit\$5	US-PGPUB; USPAT	OR	OFF	2005/05/18 21:05
L9	4	"359"/237 and (MEMS or microelectromachanical) and mirror\$1 and substrate and capacit\$5 and (position\$1 same mirror\$1) and gimbal\$3	US-PGPUB; USPAT	OR	OFF	2005/05/18 21:06
L10	35	"359"/\$.ccls. and method.ti. and (MEM.ti. or MEMS.ti.)	US-PGPUB; USPAT	OR	OFF	2005/05/18 21:06
L11	263	427/162,534.ccls. and (formular or relationship)	US-PGPUB; USPAT	OR	OFF	2005/05/18 21:06
L12	227	427/162,534.ccls. and control\$4 and circuit	US-PGPUB; USPAT	OR	OFF	2005/05/18 21:07
L13	0	427/162,534.ccls. and error\$1 and sinal\$1 and angle\$1 and deflect\$4	US-PGPUB; USPAT	OR	OFF	2005/05/18 21:07
L14	35	"359"/\$.ccls. and method.ti. and (MEM.ti. or MEMS.ti.)	US-PGPUB; USPAT	OR	OFF	2005/05/18 21:07
S1	317	(MEMS or microelectromachanical) and mirror\$1 and substrate and capacit\$5 and (position\$1 same mirror\$1)	US-PGPUB; USPAT	OR	OFF	2005/05/18 20:17
S2	274	(MEMS or microelectromachanical) and mirror\$1 and substrate and capacit\$5 and (position\$1 with mirror\$1)	US-PGPUB; USPAT	OR	OFF	2003/04/16 18:28

S3	90	(MEMS or microelectromachanical) and mirror\$1 and substrate and capacit\$5 and (position\$1 with mirror\$1) and (electrode\$1 same capacit\$5)	US-PGPUB; USPAT	OR	OFF	2003/04/16 18:29
S4	169	(MEMS or microelectromachanical) and mirror\$1 and substrate and capacit\$5 and (position\$1 same mirror\$1) and (position same determin\$4)	US-PGPUB; USPAT	OR	OFF	2003/04/16 18:31
S5	134	(MEMS or microelectromachanical) and mirror\$1 and substrate and capacit\$5 and (position\$1 same mirror\$1) and (position with determin\$4)	US-PGPUB; USPAT	OR	OFF	2003/04/16 18:31
S6	42	"359"/\$.ccls. and (MEMS or microelectromachanical) and mirror\$1 and substrate and capacit\$5 and (position\$1 same mirror\$1) and (position with determin\$4)	US-PGPUB; USPAT	OR	OFF	2004/11/22 20:45
S7	42	"359"/\$.ccls. and (MEMS or microelectromachanical) and mirror\$1 and substrate and capacit\$5 and (position\$1 same mirror\$1) and (position with determin\$4)	US-PGPUB; USPAT	OR	OFF	2003/04/17 17:09
S8	5	"359"/\$.ccls. and (MEM or microelectromachanical) and mirror\$1 and substrate and capacit\$5 and (position\$1 same mirror\$1) and (position with determin\$4)	US-PGPUB; USPAT	OR	OFF	2003/04/16 19:23
S9	0	(MEMS or microelectromachanical) and mirror\$1 and substrate and capacit\$5 and (position\$1 same mirror\$1) and (position with determin\$4)	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/04/16 19:32
S10	48	(MEMS or microelectromachanical) and mirror\$1 and substrate and capacit\$5 and (position\$1 same mirror\$1) and (position with determin\$4)	USPAT	OR	OFF	2003/04/16 21:19

S11	22	(MEMS or microelectromachanical) and mirror\$1 and substrate and capacit\$5 and (position\$1 same mirror\$1) and (position with determin\$4) not ("359"/\$.ccls. and (MEMS or microelectromachanical) and mirror\$1 and substrate and capacit\$5 and (position\$1 same mirror\$1) and (position with determin\$4))	USPAT	OR	OFF	2003/04/16 19:32
S12	27	"359"/\$.ccls. and (MEMS or microelectromachanical) and mirror\$1 and substrate and capacit\$5 and (position\$1 same mirror\$1) and gimbal\$3	US-PGPUB; USPAT	OR	OFF	2004/11/28 15:26
S13	0	"359"/\$.ccls. and (MEMS or microelectromachanical) and mirror\$1 and substrate and capacit\$5 and (sliding adj mode)	US-PGPUB; USPAT	OR	OFF	2003/04/17 17:12
S14	1	"359"/\$.ccls. and (MEMS or microelectromachanical) and (sliding adj mode)	US-PGPUB; USPAT	OR	OFF	2003/04/17 17:21
S15	0	(MEMS or microelectromachanical) and (sliding adj mode) and control44	US-PGPUB; USPAT	OR	OFF	2003/04/17 17:21
S16	1	(MEMS or microelectromachanical) and (sliding adj mode) and control\$4	US-PGPUB; USPAT	OR	OFF	2003/04/17 17:23
S17	0	(MEMS or microelectromachanical) and (sliding adj mode) and control\$4	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/04/17 17:32
S18	1	"359"/\$.ccls. and (sliding adj mode adj control\$4)	US-PGPUB; USPAT	OR	OFF	2003/04/17 17:28
S19	1	"359"/\$.ccls. and (sliding adj mode)	US-PGPUB; USPAT	OR	OFF	2003/04/17 17:28
S20	205	sliding adj mode adj control\$4	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/05/11 17:12
S21	1	(MEMS or microelectromachanical) and (sliding adj mode) and control\$4	US-PGPUB; USPAT	OR	OFF	2003/04/17 17:33
S22	1	(MEMS or microelectromachanical) and (sliding adj mode)	US-PGPUB; USPAT	OR	OFF	2003/04/17 17:33
S23	2	(MEM or microelectromachanical) and (sliding adj mode)	US-PGPUB; USPAT	OR	OFF	2003/04/17 17:36
S24	210	(MEM or microelectromachanical) and ((sliding adj mode) or SMC)	US-PGPUB; USPAT	OR	OFF	2003/04/17 19:25

S25	0	"359"/\$.ccls. and (MEM or microelectromachanical) and ((sliding adj mode) or SMC)	US-PGPUB; USPAT	OR	OFF	2003/04/17 17:44
S26	2	(MEM or microelectromachanical) and ((slid\$4 adj mode\$1))	US-PGPUB; USPAT	OR	OFF	2003/04/17 18:31
S27	1	(MEMS or microelectromachanical) and ((sliding adj mode))	US-PGPUB; USPAT	OR	OFF	2003/04/17 18:41
S28	1	(MEMS or micro-electromachanical) and ((sliding adj mode))	US-PGPUB; USPAT	OR	OFF	2003/04/17 18:37
S29	1	(MEMS or microelectromachanical) and ((sliding adj mode)) and mirror\$1	US-PGPUB; USPAT	OR	OFF	2003/04/17 18:38
S30	2	(MEM or microelectromachanical) and ((sliding adj mode))	US-PGPUB; USPAT	OR	OFF	2003/04/17 18:42
S31	1	("micro-electromechanical") and ((sliding adj mode))	US-PGPUB; USPAT	OR	OFF	2003/04/17 18:42
S32	0	("microelectromechanical") and ((sliding adj mode))	US-PGPUB; USPAT	OR	OFF	2003/04/17 18:41
S33	0	(MEM or microelectromachanical) and ((sliding adj mode))	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/04/17 18:42
S34	0	(MEM or micro-electromachanical) and ((sliding adj mode))	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/04/17 18:42
S35	373	(MEM or microelectromachanical) and (pulse adj (width or duration))	US-PGPUB; USPAT	OR	OFF	2004/11/28 14:49
S36	13	"359"/\$.ccls. and (MEM or microelectromachanical) and (pulse adj (width or duration))	US-PGPUB; USPAT	OR	OFF	2003/04/17 19:27
S37	113	(MEM or microelectromachanical) and (pulse adj (width or duration)) and mirror\$1	US-PGPUB; USPAT	OR	OFF	2003/04/20 14:17
S38	3	("6253001"   "6396976"   "6430333").PN.	USPAT	OR	OFF	2003/04/18 15:32
S39	8	(MEM or microelectromachanical) and (pulse adj (width or duration)) and mirror\$1 and (phase near1 differen\$4)	US-PGPUB; USPAT	OR	OFF	2003/04/19 15:29
S40	33	(MEM or microelectromachanical) and (pulse adj (width or duration)) and mirror\$1 and (serial near2 bus)	US-PGPUB; USPAT	OR	OFF	2003/04/20 19:58
S41	3	(MEMS or microelectromachanical) and (pulse adj (width or duration)) and mirror\$1 and (serial near2 bus)	US-PGPUB; USPAT	OR	OFF	2003/04/20 19:58

S42	282	MEMS.ti. or microelectromachanical.ti.	US-PGPUB; USPAT	OR	OFF	2003/04/20 19:59
S43	0	(MEMS.ti. or microelectromachanical.ti.) and ((MEMS or microelectromachanical) and mirror\$1 and (serial near2 bus))	US-PGPUB; USPAT	OR	OFF	2003/04/20 19:59
S44	45	(MEMS or microelectromachanical) and mirror\$1 and (serial near2 bus)	US-PGPUB; USPAT	OR	OFF	2003/04/20 20:07
S45	36	(MEMS or microelectromachanical) and mirror\$1 and substrate and (serial near2 bus)	US-PGPUB; USPAT	OR	OFF	2003/04/20 20:08
S52	6	"6046878"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/12/17 10:51
S53	30	359/291 and gobo and memory	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/12/17 10:51
S54	19	359/291 and gobo and memory	USPAT	OR	OFF	2003/12/17 10:51
S55	2	("9966354").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/12/17 15:14
S56	2	"6480645".URPN.	USPAT	OR	OFF	2003/12/17 14:41
S57	9	wang.in. and xiaomei	US-PGPUB; USPAT	OR	OFF	2004/11/28 15:23
S58	1	wang.in. and xiaomei	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/12/17 15:16
S59	62	flanders.in. and dale	US-PGPUB; USPAT	OR	OFF	2003/12/17 15:18
S60	39	(flanders.in. and dale) and mirror	US-PGPUB; USPAT	OR	OFF	2003/12/17 15:18
S61	4	("6172797"   "6178284"   "6275326"   "6293680"   "2002/0075553"   "2002/0163709").PN.	USPAT	OR	OFF	2003/12/17 15:37



S62	11	((("5266115") or ("5285379") or ("5331265") or ("5341078") or ("5371669") or ("5384525") or ("5388041") or ("5442270") or ("5969465") or ("6044705") or ("6185467"))).PN.	USPAT; USOCR	OR	OFF	2003/12/18 12:38
S63	366	sliding adj mode	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/05/11 17:12
S64	864	sliding adj mode	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/05/11 17:13
S65	26	(sliding adj mode) and mirror\$1 and controll\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/05/11 18:58
S66	2211	(PWM or (sliding adj mode)) and mirror\$1 and controll\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/05/11 19:06
S67	3273	(PWM or (sliding adj mode) or PID) and mirror\$1 and controll\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/05/11 19:08
S68	928	(PWM or (sliding adj mode) or PID) and mirror\$1 and controll\$4 and detect\$4 and differential	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/05/11 19:09
S69	234	(PWM or (sliding adj mode) or PID) and mirror\$1 and controll\$4 and detect\$4 and differential and (PWM.bsum. or PID.bsum.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/05/11 19:11
S70	148	(PWM or (sliding adj mode) or PID) and mirror\$1 and controll\$4 and detect\$4 and differential and (PWM.bsum. or PID.bsum.) and optical	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/05/11 19:11
S71	148	(PWM or (sliding adj mode) or PID) and mirror\$1 and controll\$4 and detect\$4 and differential and (PWM.bsum. or PID.bsum.) and optical	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/28 14:49

S72	77	"359"/\$.ccls. and (MEMS or microelectromachanical) and mirror\$1 and substrate and capacit\$5 and (position\$1 same mirror\$1) and (position with determin\$4)	US-PGPUB; USPAT	OR	OFF	2004/11/22 20:45
S73	4	("5771321"   "6329738"   "6433917"   "6438282").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/22 20:47
S74	0	("20030174376").PN.	USPAT	OR	OFF	2004/11/27 22:55
S75	1	("20030174376").PN.	US-PGPUB	OR	OFF	2004/11/27 22:55
S76	0	359/290,291,292,295,298.ccls. and error\$1 and sinal\$1 and angle\$1 and deflect\$4	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/28 15:35
S77	0	359/290,291,292,295,298.ccls. and error\$1 and sinal\$1 and angle\$1 and deflect\$4	USPAT; USOCR	OR	OFF	2004/11/28 14:48
S78	1282	(MEM or MEMS or microelectromachanical) and (pulse adj (width or duration))	US-PGPUB; USPAT	OR	OFF	2004/11/28 14:49
S79	166	(PWM or (sliding adj mode) or PID) and mirror\$1 and controll\$4 and detect\$4 and differential and (PWM.bsum. or PID.bsum.) and optical	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/28 14:49
S80	12	wang.in. and xiaomei	US-PGPUB; USPAT	OR	OFF	2004/11/28 15:06
S81	0	("20030174376").PN.	USPAT	OR	OFF	2004/11/28 15:23
S82	1	("20030174376").PN.	US-PGPUB	OR	OFF	2004/11/28 15:23
S85	31	"359"/\$.ccls. and method.ti. and (MEM.ti. or MEMS.ti.)	US-PGPUB; USPAT	OR	OFF	2005/05/18 21:07
S86	0	359/214,223,224,230,290,291, 292,295,298.ccls. and error\$1 and sinal\$1 and angle\$1 and deflect\$4	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/28 15:36
S87	0	359/214,223,224,230,290,291, 292,295,298.ccls. and error\$1 and sinal\$1 and angle\$1 and deflect\$4	US-PGPUB; USPAT	OR	OFF	2004/11/28 15:38
S88	0	372/19,20,45.ccls. and error\$1 and sinal\$1 and angle\$1 and deflect\$4	US-PGPUB; USPAT	OR	OFF	2004/11/28 15:38
S89	0	427/162,534.ccls. and error\$1 and sinal\$1 and angle\$1 and deflect\$4	US-PGPUB; USPAT	OR	OFF	2005/05/18 21:07